PREETHI CAD CONSULTING ENGINEERS PVT. LTD.

PROJECT CONSULTANT

PROJECT MANAGEMENT CONSULTANT REPORT

Project Name: - Package No-11 1.Providing Children playing equipments and gym equipments at Allalasandra Lake in ward No.04 of Yelahanka Division 2.Providing Children playing equipments and gym equipments in ward No.02,03 and 04 Yelahanka Division 3.Providing Grill Fencing to Selected parks in Ward No.02, 03 & 04 of Yelahanka Division 4.Providing Grill Fencing and Construction of Badminton court at Allalasandra Lake in Ward No.04 of Yelahanka Division 5.Providing Grill Fencing at Someshwara Hill lake in Ward No.03 of Yelahanka Division

Client:- Executive Engineer, project division yelahanka zone, BBMP

Contractor / Agency : M/s Ramkrishy Infrastructure Pvt Ltd

Date of Inspection: 12-03-2021

Inspected by: Assistant Engineer, Consultants, Executive Engineer, BBMP,Banglore

Sl.No	Description	Unit	Qty	Comments / Observation
1	Removing and resetting of kerb stones. complete as per specifications and directions of the Engineer in charge.	M	807.15	Work done up to the billed quantity and quality is satisfactory
2	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete., complete as per specifications and directions of the Engineer in charge.	M	558.58	Work done up to the billed quantity and quality is satisfactory

48/43, 6th Main Road, JnanajyothiNagara, JnanaBharathi, Bangalore – 560 056. Tel: 080-23240109,
Fax : 080 - 23340685, Cell : 98442 66050E-mail : preethicad99@gmail.com

Scanned by TapScanner

4	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. complete as per specifications and directions of the Engineer in charge.	Cum	152.15	Work done up to the billed quantity and quality is satisfactory
5	Providing and applying painting in two coat with Synthetic enamel paint of approved brand and manufacture on concrete surface with cost of materials ,labour ,complete as per specifications.complete as per specifications and directions of the Engineer in charge.	Sqm	384.86	Work done up to the billed quantity and quality is satisfactory
6	Providing and laying heavy duty cobble stones 60mm thick interlock pavers,using cement and course sand for manufacturer of blocks of approved size,shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed(average Thinkness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to comeup in between joints , final compaction of pavers surfaces joint into its final level including cost of materials,labour and HOM complete as per specifications. complete as per specifications and directions of the Engineer in charge.	Sqm	476.36	Work done up to the billed quantity and quality is satisfactory
8	Dismantling of barbed wire fencing / wire mesh fencing including posts, foundation concrete, back filling of pit by manual means including disposal of dismantled material with all lifts and stacking serviceable material and unserviceable material separately complete as per specifications. MORTH Specification. complete as per specifications and directions of the Engineer in charge.	M	958.20	Work done up to the billed quantity and quality is satisfactory
9	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. complete as per specifications and directions of the Engineer in charge.	Cum	274.82	Work done up to the billed quantity and quality is satisfactory
10	Providing and constructing granite / trap / basalt size stone masonry in superstructure with cement mortar 1:4 , edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, scaffolding, curing complete as per	Cum	189.45	Work done up to the billed quantity and quality is satisfactory

48/43, 6th Main Road, JnanajyothiNagara, JnanaBharathi, Bangalore – 560 056. Tel: 080-23240109,
Fax : 080 - 23340685, Cell : 98442 66050E-mail : preethicad99@gmail.com

Scanned by TapScanner

	accordance to ISO7227 to speed up corrosion for 3000 hrs. The seat and backrest is made from Rotomoulded LLDPE. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in limitors that prevent unwanted and ecesssive movement, which can cause injuries. The limitors must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Size (L*W * H) 845 MM x 865 MM x 1710 MM . Capacity 1 person. Inclusive of All Taxes and Transportation Charges.completion of the work as per direction of engineer in charge of work.			
32	Supply & fixing of Pull Down Challenger : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. The seat and backrest is made from Rotomoulded LLDPE. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in limitors that prevent unwanted and ecesssive movement, which can cause injuries. The limitors must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and	Each	1.00	Work done up to the billed quantity and quality is satisfactory

48/43, 6th Main Road, JnanajyothiNagara, JnanaBharathi, Bangalore – 560 056. Tel: 080-23240109,
Fax : 080 - 23340685, Cell : 98442 66050E-mail : preethicad99@gmail.com

Scanned by TapScanner

	the maintenance guide. Size (L*W * H) 2570 MM x 840 MM x 2200 MM . Capacity 2 persons. Inclusive of All Taxes and Transportation Charges.completion of the work as per direction of engineer in charge of work.			
33	Supply & fixing of Seated Chest Press : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, GPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. The seat and backrest is made from Rotomoulded LLDPE. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in limitors that prevent unwanted and ecesssive movement, which can cause injuries. The limitors must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Size (L*W * H) 1955 MM x 730 MM x 1955 MM . Capacity 2 persons. Inclusive of All Taxes and Transportation Charges.completion of the work as per direction of engineer in charge of work.	Each	1.00	Work done up to the billed quantity and quality is satisfactory
34	Supply & fixing of Rider : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body			

48/43, 6th Main Road, JnanajyothiNagara, JnanaBharathi, Bangalore – 560 056. Tel: 080-23240109,
Fax : 080 - 23340685, Cell : 98442 66050E-mail : preethicad99@gmail.com

Scanned by TapScanner

	verification is mandatory. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Footplates made of alloys of Nylon having good thermal stability. Internal Limited means no bump stops or crush points. Bearings : Maintenance-free ball bearings. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Size (L*W * H) 1150 MM x 900MM x 1285 MM . Capacity 2 persons. Inclusive of All Taxes and Transportation Charges.completion of the work as per direction of engineer in charge of work	Each	1.00	Work done up to the billed quantity and quality is satisfactory
40	Supply & fixing of HD Waist Twister :All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out in excess of at least 50 public park projects in India either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Footplates made of alloys of Nylon having	Each	1.00	Work done up to the billed quantity and quality is satisfactory

48/43, 6th Main Road, JnanajyothiNagara, JnanaBharathi, Bangalore – 560 056. Tel: 080-23240109,
Fax : 080 - 23340685, Cell : 98442 66050E-mail : preethicad99@gmail.com

Scanned by TapScanner

PREETHI CAD CONSULTING ENGINEERS PVT. LTD.

PROJECT CONSULTANT

TEST REPORT

Tests onSoil Sample

Project Name:	Package No:-11) Providing Children playing equipments and gym equipments at Allalasandra Lake in ward No 04 of Yelahanka Division 2.Providing Children playing equipments and gym equipments in ward No.02,03 and 04 Yelahanka Division 3.Providing Grill Fencing to Selected parks in Ward No.02, 03 & 04 of Yelahanka Division 4.Providing Grill Fencing and Construction of Badminton court at Allalasandra Lake in Ward No.04 of Yelahanka Division 5.Providing Grill Fencing at Someshwara Hill lake in Ward No.03 of Yelahanka Division	Sl. No.: 01	
Client:	Executive Engineer, project division, yelahanka zone.	Date:	12/11/2020
Contractor:	M/s Ramkrishn Infrastructure Pvt Ltd		
Sample Supplied by:	Agency Contractor		
Sample Identification :	Sub-Grade Soil.		

The testresults conducted on the Soilsample are as follows

No.	Sieve Analysis (% Passing)			Compaction test (IS Heavy)		CBR (%) (4 Days Soaked)	Remarks
	Test method: IS 2720 (Part4): 1985 (R4 2015)			Test Method: IS 2720-(part8): 1983(R4 2015)		Test Method as per IS 2720-Part 16-1979	
	Gravel (% > 4.75mm	Sand (% 4.75 to 0.075mm	Silt and Clay(%)< 0.075	MDD (g/cc)	OMC(%)	56 blows	
1	11.4	62.6	26.0	1.88	8.3	9.5%	Satisfied Requirement

Remarks: Information Sample furnished by the Agency Contractor to the testing laboratory.

Note :-

- The report shall not be reproduced, except in full, without the written approval of the laboratory.
- The results indicated above are based on the tests carried out on the sample received in the laboratory by the agency contractor.
- The results relate only to the items tested.
- Any query regarding the report must be reported immediately.

4845, 6th Main Road, JnanajyothiNagar(Ex) Ph: (080 - 23480685, Cell : 9844[illegible] e-mail : preethicad99@gmail.com
, JnanaBharathi, Bangalore - 560 056. Tel: 080-23480109

Scanned by TapScanner

PREETHI CAD CONSULTING ENGINEERS PVT. LTD.

PROJECT CONSULTANT

Core Test on Kerb Stone [IS:516-1959 RA1999], SP-24:1983

TEST REPORT

ıct Name:	Package No-11 1.Providing Children playing equipments and gym equipments at Allalasandra Lake in ward No.04 of Yelahanka Division 2.Providing Children playing equipments and gym equipments in ward No.02,03 and 04 Yelahanka Division 3.Providing Grill Fencing to Selected parks in Ward No.02, 03 & 04 of Yelahanka Division 4.Providing Grill Fencing and Construction of Badminton court at Allalasandra Lake in Ward No.04 of Yelahanka Division 5.Providing Grill Fencing at Someshwara Hill lake in Ward No.03 of Yelahanka Division	**Sl. No.: 02**	
ıt:	Executive Engineer, project division, yelahanka zone.		
tractor:	M/s Ramkrishy Infrastructure Pvt Ltd		
ıple ation:	At Site	**Date**	27-11-2020
erial ted:	Kerb Stone Core Test	**Grade of Concrete**	M-15

test results conducted on the Kerb Stone Core sample are as follows:

ı of ıre nm)	Height of the Core H (mm)	Core Wt (Kg)	Density of Core (kg/m3)	H/D	Correction Factor (Based on H/D)	Failure Load (kN)	Core Strength (N/mm2)	Correction Factor for the Dia (Strength of Core x 1.08)	Corrected Cylinder Compressive Strength (N/mm2)	Equivalent cube Compressive Strength (N/mm2)
.00	76.00	0.377	2526.05	1.51	0.944	28.1	14.36	15.52	14.64	18.31
.00	77.00	0.363	2400.65	1.53	0.949	27.5	14.06	15.17	14.41	18.04
.00	80.00	0.379	2412.48	1.595	0.959	27.8	14.21	15.34	14.72	18.52

le:-

- The report shall not be reproduced, except in full, without the written approval of the laboratory.
- The results indicated above are based on the tests carried out on the sample received in the laboratory by the agency/ contractor.
- The results relate only to the items tested.
- Any query regarding the report must be reported immediately.

48/43, 6th Main Road, JnanajyothiNagaraFax : 080 - 23340685, Cell : 98442 66050E-mail : preethicad99@gmail.com
, JnanaBharathi, Bangalore - 560 056. Tel: 080-23240109,

Scanned by TapScanner

Tests
Aggrega
[IS:2386:1963(
201

TEST REPORT

ject Name:	Package No-11 1.Providing Children playing equipments and gym equipments at Allalasandra Lake in ward No.04 of Yelahanka Division 2.Providing Children playing equipments and gym equipments in ward No.02,03 and 04 Yelahanka Division 3.Providing Grill Fencing to Selected parks in Ward No.02, 03 & 04 of Yelahanka Division 4.Providing Grill Fencing and Construction of Badminton court at Allalasandra Lake in Ward No.04 of Yelahanka Division 5.Providing Grill Fencing at Someshwara Hill lake in Ward No.03 of Yelahanka Division	**Sl. No.: 05**	
ent:	Executive Engineer, project division, yelahanka zone.		
ntractor:	M/s Ramkrishy Infrastructure Pvt Ltd	**Date:**	22/12/2020
mple Supplied	Agency / Contractor		

he testresults conducted on the aggregate sample are as follows:

o	Description	Test Method as per IS Standards	Test Result	Standard Requirements	Remarks
1	Flakiness index	IS 2386 (Part-1):1963(RA 2016)	19.40	Obtained Test Results Should Be 1% to 30%	
2	Elongation index	IS 2386(Part 1) :1963 (RA 2016)	9.89	Obtained Test Results Should be 1% to 30 %	
3	Specific Gravity	IS 2386 (Part 3): 1963 (RA 2016)	2.45	Obtained Test Results Should be 2 to 4	
4	Water Absorption	IS 2386 (Part-3) :1963 (RA 2016)	2.9%	Obtained Test Results should be 1% to 5%	
5	Aggregates Impact Value	IS 2386 (Part -4) :1963 (RA 2016)	39%	Obtained Test Results should be 1% to 60%	

Remarks: Information / Sample furnished by the Agency / Contractor to the testing laboratory.

Note:-

- The report shall not be reproduced, except in full, without the written approval of the laboratory.
- The results indicated above are based on the tests carried out on the sample received in the laboratory by the agency/ contractor.
- The results relate only to the items tested.
- Any query regarding the report must be reported immediately.

48/43, 6th Main Road, JnanajyothiNagaraFax : 080 - 23340685, Cell : 98442 66050E-mail : preethicad99@gmail.com
, JnanaBharathi, Bangalore – 560 056. Tel: 080-23240109,

Scanned by TapScanner

Tests on Aggregate
[IS 2386 (Part 1)(RA 2016)]

TEST REPORT

Project Name:	Package No 01 1 Providing Children playing equipments and gym equipments at Allalasandra Lake in ward No 04 of Yelahanka Division 2 Providing Children playing equipments and gym equipments in ward No 02 03 and 04 Yelahanka Division 3 Providing Grill Fencing to Selected parks in Ward No 02, 03 & 04 of Yelahanka Division 4 Providing Grill Fencing and Construction of Badminton court at Allalasandra Lake in Ward No 04 of Yelahanka Division 5 Providing Grill Fencing at Someshwara Hill lake in Ward No 03 of Yelahanka Division	Sl. No.: 05	
Client:	Executive Engineer, project division, yelahanka zone		
Contractor:	M/s Ramkrishy Infrastructure Pvt Ltd	Date:	28/11/2020
Sample Supplied by	Agency / Contractor		

The testresults conducted on the aggregate sample are as follows

No	Description	Test Method as per IS Standards	Test Result	Standard Requirements	Remarks
1	Flakiness index	IS 2386 (Part 1) 1963(RA 2016)	19.36	Obtained Test Results Should Be 1% to 30%	
2	Elongation index	IS 2386(Part 1) 1963 (RA 2016)	9.90	Obtained Test Results Should be 1% to 30 %	
3	Specific Gravity	IS 2386 (Part 3) 1963 (RA 2016)	2.45	Obtained Test Results Should be 2 to 4	
4	Water Absorption	IS 2386 (Part 3) 1963 (RA 2016)	2.85%	Obtained Test Results should be 1% to 5%	
5	Aggregates Impact Value	IS 2386 (Part 4) 1963 (RA 2016)	40%	Obtained Test Results should be 1% to 60%	

Remarks: Information / Sample furnished by the Agency / Contractor to the testing laboratory

Note

- The report shall not be reproduced, except in full, without the written approval of the laboratory.
- The results indicated above are based on the tests carried out on the sample received in the laboratory by the agency/ contractor
- The results relate only to the items tested.
- Any query regarding the report must be reported immediately.

Scanned by TapScanner

PREETHI CAD CONSULTING ENGINEERS PVT. LTD.
PROJECT CONSULTANT

Gradation Test on Coarse Aggregate

[IS:383-2016]

TEST REPORT

ect Name:	Package No-11 1.Providing Children playing equipments and gym equipments at Allalasandra Lake in ward No.04 of Yelahanka Division 2.Providing Children playing equipments and gym equipments in ward No.02,03 and 04 Yelahanka Division 3.Providing Grill Fencing to Selected parks in Ward No.02, 03 & 04 of Yelahanka Division 4.Providing Grill Fencing and Construction of Badminton court at Allalasandra Lake in Ward No.04 of Yelahanka Division 5.Providing Grill Fencing at Someshwara Hill lake in Ward No.03 of Yelahanka Division	**Sl. No.: 04**	
t:	Executive Engineer, project division, yelahanka zone.		
ractor:	M/s Ramkrishy Infrastructure Pvt Ltd	**Date:**	27/11/2020
ole Supplied	Agency / Contractor		
rial Tested:	40mm Coarse Aggregate	**Total weight taken:**	15000 gms

est results conducted on the coarse aggregate sample are as follows:

ieve (mm)	**Wt. retained (g)**	**Cumulative wt. retained (g)**	**% Cumulative wt. retained**	**% Cumulative wt. passing**	**Specification as IS 383-2016**
0	0	0	0	100	100
0	339	339	2.26	97.74	95 to 100
0	8560	8899	59.33	40.67	30 to 70
nm	3422	12321	82.14	17.86	10 to 35
5	2158	14479	96.53	3.47	0 to 5
n	521	15000	100.00	0.00	-
al	**15000**				-

rks: Information / Sample furnished by the Agency / Contractor to the testing laboratory.

The report shall not be reproduced, except in full, without the written approval of the laboratory.

The results indicated above are based on the tests carried out on the sample received in the laboratory by the agency/ contractor.

The results relate only to the items tested.

Any query regarding the report must be reported immediately.

3, 6th Main Road, JnanajyothiNagaraFax : 080 - 23340685, Cell : 98442 66050E-mail : preethicad99@gmail.com
, JnanaBharathi, Bangalore – 560 056. Tel: 080-23240109,

Scanned by TapScanner

PREETHI CAD CONSULTING ENGINEERS PVT. LTD.

PROJECT CONSULTANT

Gradation Test on Fine Aggregate

[IS 383-2016]

TEST REPORT

Name:	Package No-11 1.Providing Children playing equipments and gym equipments at Allalasandra Lake in ward No 04 of Yelahanka Division 2.Providing Children playing equipments and gym equipments in ward No.02.03 and 04 Yelahanka Division 3.Providing Grill Fencing to Selected parks in Ward No.02. 03 & 04 of Yelahanka Division 4.Providing Grill Fencing and Construction of Badminton court at Allalasandra Lake in Ward No 04 of Yelahanka Division 5.Providing Grill Fencing at Someshwara Hill lake in Ward No 03 of Yelahanka Division	Sl. No.: 02	
	Executive Engineer, project division, yelahanka zone.		
ctor:	M/s Ramkrishy Infrastructure Pvt Ltd	Date	24/11/2020
Supplied	Agency / Contractor		
Tested:	Fine Aggregate	Total weight taken:	1500 gms

results conducted on the fine aggregate sample are as follows:

ieve size mm)	Wt. retained (g)	Cumulative wt. retained (g)	% Cumulative wt. retained	% Cumulative wt. passing	Specification as IS 383-2016
10	0	0	0	100	100
4.75	75	75	5.00	95.00	90 to 100
2.36	134	209	13.93	86.07	75 to 100
1.18	324	533	35.53	64.47	55 to 90
Micron	350	883	58.87	41.13	35 to 59
Micron	329	1212	80.80	19.20	8 to 30
Micron	267	1479	98.60	1.40	0 to 10
Pan	21	1500	100	0.00	0

: Information / Sample furnished by the Agency / Contractor to the testing laboratory.

The report shall not be reproduced, except in full, without the written approval of the laboratory.

The results indicated above are based on the tests carried out on the sample received in the laboratory by the agency/ contractor

The results relate only to the items tested.

Any query regarding the report must be reported immediately.

* Main Road, JnanajyothiNagaraFax : 080 - 23340685, Cell : 98442 66050E-mail : preethicad99@gmail.com
, JnanaBharathi, Bangalore – 560 056. Tel: 080-23240109,

Scanned by TapScanner

PREETHI CAD CONSULTING ENGINEERS PVT. LTD.

PROJECT CONSULTANT

Tests on Cement
[IS:4031 – Part 1 to 5]

TEST REPORT

Project Name:	Package No-11 1.Providing Children playing equipments and gym equipments at Allalasandra Lake in ward No.04 of Yelahanka Division 2.Providing Children playing equipments and gym equipments in ward No.02,03 and 04 Yelahanka Division 3.Providing Grill Fencing to Selected parks in Ward No.02, 03 & 04 of Yelahanka Division 4.Providing Grill Fencing and Construction of Badminton court at Allalasandra Lake in Ward No.04 of Yelahanka Division 5.Providing Grill Fencing at Someshwara Hill lake in Ward No.03 of Yelahanka Division	**Sl. No.: 01**	
Client:	Executive Engineer, project division, yelahanka zone.		
Contractor:	M/s Ramkrishy Infrastructure Pvt Ltd	**Date:**	18/12/2020
Sample Supplied by:	Agency / Contractor		

48/43, 6th Main Road, JnanajyothiNagaraFax : 080 - 23340685, Cell : 98442 66050E-mail : preethicad99@gmail.com
, JnanaBharathi, Bangalore 560 056. Tel: 080-23240109,

Scanned by TapScanner

PREETHI CAD CONSULTING ENGINEERS PVT.LTD

TEST REPORT

GAUGE TEST ON MS HALLOW POLES

...ddress of the	Executive Engineer, Project division, yelahanka zone.
...e Work	Package No-11 1.Providing Children playing equipments and gym equipments at Allalasandra Lake in ward No.04 of Yelahanka Division 2.Providing Children playing equipments and gym equipments in ward No.02,03 and 04 Yelahanka Division 3.Providing Grill Fencing to Selected parks in Ward No.02, 03 & 04 of Yelahanka Division 4.Providing Grill Fencing and Construction of Badminton court at Allalasandra Lake in Ward No.04 of Yelahanka Division 5.Providing Grill Fencing at Someshwara Hill lake in Ward No.03 of Yelahanka Division.
...d the Agency	M/s Ramkrishy Infrastructure Pvt Ltd
...Testing	17-02-2021

Gauge Test

Nominal Size in mm	Guage	Measured Thickness in mm	Min. As Per IS : 1136-2008 in mm	Remarks
20	14	2.01	1.99	Satisfies The Requirement

...results relate only to the items tested.

...ort shall not be reproduced except in full, without the written approval of the lab.

...correction invalidates this report.

...results are based on the test conducted on samples supplied by the client.

#42, 6th Main Road, JnanajyothiNagara, Jnana Bharathi, Bangalore – 560 056. Tel: 080-23240109,
Fax : 080 - 23340685, Cell : 98442 66050 E-mail : preethicad99@gmail.com

Scanned by TapScanner

PREETHI CAD CONSULTING ENGINEERS PVT.LTD

TEST REPORT

GAUGE TEST ON MS HALLOW POLES

Address of the	Executive Engineer, Project division, yelahanka zone.
of Work	Package No-11 1.Providing Children playing equipments and gym equipments at Allalasandra Lake in ward No.04 of Yelahanka Division 2.Providing Children playing equipments and gym equipments in ward No.02,03 and 04 Yelahanka Division 3.Providing Grill Fencing to Selected parks in Ward No.02, 03 & 04 of Yelahanka Division 4.Providing Grill Fencing and Construction of Badminton court at Allalasandra Lake in Ward No.04 of Yelahanka Division 5.Providing Grill Fencing at Someshwara Hill lake in Ward No.03 of Yelahanka Division.
of the Agency	M/s Ramkrishy Infrastructure Pvt Ltd
f Testing	10-02-2021

Gauge Test

Nominal Size in mm	Guage	Measured Thickness in mm	Min. As Per IS : 1136-2008 in mm	Remarks
20	**14**	1.99	**1.99**	**Satisfies The Requirement**

results relate only to the items tested.

ort shall not be reproduced except in full, without the written approval of the lab.

correction invalidates this report.

results are based on the test conducted on samples supplied by the client.

48/43, 6th Main Road, JnanajyothiNagara, Jnana Bharathi, Bangalore – 560 056. Tel: 080-23240109,
Fax : 080 - 23340685, Cell : 98442 66050 E-mail : preethicad99@gmail.com

Scanned by TapScanner

PREETHI CAD CONSULTING ENGINEERS PVT.LTD

TEST REPORT

POLE GAUGE TEST

& Address of Customer	Executive Engineer, Project division, yelahanka zone.
of Work	Package No-11 1.Providing Children playing equipments and gym equipments at Allalasandra Lake in ward No.04 of Yelahanka Division 2.Providing Children playing equipments and gym equipments in ward No.02,03 and 04 Yelahanka Division 3.Providing Grill Fencing to Selected parks in Ward No.02, 03 & 04 of Yelahanka Division 4.Providing Grill Fencing and Construction of Badminton court at Allalasandra Lake in Ward No.04 of Yelahanka Division 5.Providing Grill Fencing at Someshwara Hill lake in Ward No.03 of Yelahanka Division.
of the Agency	M/s Ramkrishy Infrastructure Pvt Ltd
of Testing	13/02/2021

Gauge Test			
Guage	**Measured Thickness in mm**	**Min. As Per IS : 1136-2008 in mm**	**Remarks**
8	3.99	**3.99**	**Satisfies The Requirement**

e results relate only to the items tested.

port shall not be reproduced except in full, without the written approval of the lab.

y correction invalidates this report.

e results are based on the test conducted on samples supplied by the client.

48/43, 6th Main Road, JnanajyothiNagara, Jnana Bharathi, Bangalore – 560 056. Tel: 080-23240109,
Fax : 080 - 23340685, Cell : 98442 66050 E-mail : preethicad99@gmail.com

Scanned by TapScanner

PREETHI CAD CONSULTING ENGINEERS PVT.LTD

TEST REPORT

TEST ON STEEL ANGLES

e & Address of the Client	Executive Engineer, Project division, yelahanka zone.
ame of Work	Package No-11 1.Providing Children playing equipments and gym equipments at Allalasandra Lake in ward No.04 of Yelahanka Division 2.Providing Children playing equipments and gym equipments in ward No.02,03 and 04 Yelahanka Division 3.Providing Grill Fencing to Selected parks in Ward No.02, 03 & 04 of Yelahanka Division 4.Providing Grill Fencing and Construction of Badminton court at Allalasandra Lake in Ward No.04 of Yelahanka Division 5.Providing Grill Fencing at Someshwara Hill lake in Ward No.03 of Yelahanka Division.
of the Agency	M/s Ramkrishy Infrastructure Pvt Ltd
te of Testing	09/02/2021

Sl.No.	Description	Result	IS 2062-1999 & 808-1989 Min. Requirements	Remarks
1	Wt/m Length (Kg/m)	5.9	5.8	**Satisfactory**
2	Elongation (%)	25	23	**Satisfactory**
3	U T S (N/Sq.mm)	420	410	**Satisfactory**

results relate only to the items tested.
ort shall not be reproduced except in full, without the written approval of the lab.
correction invalidates this report.
results are based on the test conducted on samples supplied by the client.

48/43, 6th Main Road, Jnanajyothi Nagara, Jnana Bharathi, Bangalore – 560 056. Tel: 080-23240109,
Fax : 080 - 23340685, Cell : 98442 66050 E-mail : preethicad99@gmail.com

Scanned by TapScanner

PREETHI CAD CONSULTING ENGINEERS PVT.LTD

TEST REPORT

TEST ON STEEL ANGLES

e & Address of the Client	Executive Engineer, Project division, yelahanka zone,
ame of Work	Package No-11 1.Providing Children playing equipments and gym equipments at Allalasandra Lake in ward No.04 of Yelahanka Division 2.Providing Children playing equipments and gym equipments in ward No.02,03 and 04 Yelahanka Division 3.Providing Grill Fencing to Selected parks in Ward No.02, 03 & 04 of Yelahanka Division 4.Providing Grill Fencing and Constraction of Badminton court at Allalasandra Lake in Ward No.04 of Yelahanka Division 5.Providing Grill Fencing at Someshwara Hill lake in Ward No.03 of Yelahanka Division.
of the Agency	M/s Ramkrishy Infrastructure Pvt Ltd
te of Testing	09/02/2021

Sl.No.	Description	Result	IS 2062-1999 & 808-1989 Min. Requirements	Remarks
1	Wt/m Length (Kg/m)	5.9	5.8	Satisfactory
2	Elongation (%)	25	23	Satisfactory
3	U T S (N/Sq.mm)	420	410	Satisfactory

results relate only to the items tested.
ort shall not be reproduced except in full, without the written approval of the lab.
correction invalidates this report.
results are based on the test conducted on samples supplied by the client.

48/43, 6th Main Road, Jnanajyothi Nagara, Jnana Bharathi, Bangalore – 560 056. Tel: 080-23240109,
Fax : 080 - 23340685, Cell : 98442 66050 E-mail : preethicad99@gmail.com

Scanned by TapScanner

PREETHI CAD CONSULTING ENGINEERS PVT.LTD

TEST REPORT

TEST ON STEEL ANGLES

& Address of the Client	Executive Engineer, Project division, yelahanka zone.
Name of Work	Package No-11 1.Providing Children playing equipments and gym equipments at Allalasandra Lake in ward No.04 of Yelahanka Division 2.Providing Children playing equipments and gym equipments in ward No.02,03 and 04 Yelahanka Division 3.Providing Grill Fencing to Selected parks in Ward No.02, 03 & 04 of Yelahanka Division 4.Providing Grill Fencing and Construction of Badminton court at Allalasandra Lake in Ward No.04 of Yelahanka Division 5.Providing Grill Fencing at Someshwara Hill lake in Ward No.03 of Yelahanka Division.
of the Agency	M/s Ramkrishy Infrastructure Pvt Ltd
e of Testing	28/01/2021

Sl.No.	Description	Result	IS 2062-1999 & 808-1989 Min. Requirements	Remarks
1	Wt/m Length (Kg/m)	5.7	5.8	**Satisfactory**
2	Elongation (%)	26	23	**Satisfactory**
3	U T S (N/Sq.mm)	423	410	**Satisfactory**

esults relate only to the items tested.
rt shall not be reproduced except in full, without the written approval of the lab.
orrection invalidates this report.
esults are based on the test conducted on samples supplied by the client.

48/43, 6th Main Road, Jnanajyothi Nagara, Jnana Bharathi, Bangalore – 560 056. Tel: 080-23240109,
Fax : 080 - 23340685, Cell : 98442 66050 E-mail : preethicad99@gmail.com

Scanned by TapScanner

PREETHI CAD CONSULTING ENGINEERS PVT.LTD

TEST REPORT

COMPRESSIVE STRENGTH TEST ON CONCRETE CUBES

	Executive Engineer, project division, yelahanka zone.
Name of Work	Package No-11 1.Providing Children playing equipments and gym equipments at Allalasandra Lake in ward No.04 of Yelahanka Division 2.Providing Children playing equipments and gym equipments in ward No.02,03 and 04 Yelahanka Division 3.Providing Grill Fencing to Selected parks in Ward No.02, 03 & 04 of Yelahanka Division 4.Providing Grill Fencing and Construction of Badminton court at Allalasandra Lake in Ward No.04 of Yelahanka Division 5.Providing Grill Fencing at Someshwara Hill lake in Ward No.03 of Yelahanka Division
Name of Agency	M/s Ramkrishy Infrastructure Pvt Ltd
Grade of Concrete	M-20
No. of cubes tested	3
Location	At site
Technical Reference	IS: 516-1959 (Reaffirmed 2013)

Sample ID	Dimension of specimen (mm)					Cross sectional area (mm²)	Date of Casting	Date of Testing	Age at test (Days)	Weight (Kg)	Failure Load (KN)	Compressive Strength (N/mm²)	Avg Compressive Strength (N/mm²)
	150.07	X	150.06	X	150.0	22520	02/01/2020	16/01/2021	14	8.22	621	**27.58**	**27.61**
	150.06	X	150.04	X	150.0	22515				8.19	625	**27.76**	
	150.08	X	150.06	X	150.0	22521				8.20	619	**27.49**	

Note:

1. The results relate only to the items tested.
2. Report shall not be reproduced except in full, without the written approval of the lab.
3. Any correction invalidates this report.
4. The results are based on the test conducted on samples supplied by the customer.

48/43, 6th Main Road, JnanajyothiNagara, Jnana Bharathi, Bangalore – 560 056. Tel: 080-23240109,
Fax : 080 - 23340685, Cell : 98442 66050 E-mail : preethicad99@gmail.com

Scanned by TapScanner

PREETHI CAD CONSULTING ENGINEERS PVT.LTD

TEST REPORT

COMPRESSIVE STRENGTH TEST ON CONCRETE CUBES

Name of Agency	Executive Engineer, project division, yelahanka zone.
Name of Work	Package No-11 1 Providing Children playing equipments and gym equipments at Allalasandra Lake in ward No.04 of Yelahanka Division 2.Providing Children playing equipments and gym equipments in ward No.02,03 and 04 Yelahanka Division 3.Providing Grill Fencing to Selected parks in Ward No.02, 03 & 04 of Yelahanka Division 4.Providing Grill Fencing and Construction of Badminton court at Allalasandra Lake in Ward No.04 of Yelahanka Division 5.Providing Grill Fencing at Someshwara Hill lake in Ward No.03 of Yelahanka Division
Name of Agency	M/s Ramkrishy Infrastructure Pvt Ltd
Grade of Concrete	M-20
No of Cubes tested	3
Location	At site
Identical Reference	IS: 516-1959 (Reaffirmed 2013)

Sl No	Dimension of specimen (mm)				Cross sectional area (mm²)	Date of Casting	Date of Testing	Age at test (Days)	Weight (Kg)	Failure Load (KN)	Compressive Strength (N/mm²)	Avg Compressive Strength (N/mm²)
1	150.07	X 150.06	X	150.0	22520	02/01/2020	16/01/2021	14	8.22	621	**27.58**	**27.61**
2	150.06	X 150.04	X	150.0	22515				8.19	625	**27.76**	
3	150.08	X 150.06	X	150.0	22521				8.20	619	**27.49**	

The results relate only to the items tested.

This report shall not be reproduced except in full, without the written approval of the lab.

Any correction invalidates this report.

The results are based on the test conducted on samples supplied by the customer.

48/43, 6th Main Road, JnanajyothiNagara, Jnana Bharathi, Bangalore – 560 056. Tel: 080-23240109,
Fax : 080 - 23340685, Cell : 98442 66050 E-mail : preethicad99@gmail.com

Scanned by TapScanner